

## EXHIBIT A

Claim 1 of the above identified patent application is as follows:

Claim 1 (original): A coating apparatus comprising:

means for supporting a part;

**means positioned adjacent to the support means for applying an atomized coating to a section of the part;**  
and

means positioned adjacent to the support means for measuring the section of the part, wherein the measuring means measures a dimension of a section of the part being coated and the coating means applies an amount of coating to the section of the part based on said dimension measurements and **desired final dimension** of the section of the part, wherein the measuring means includes a laser generator and a laser receiver, said laser generator positioned adjacent to one side of the support means and said laser receiver positioned adjacent to an opposing side of the support means, wherein the laser generator and laser receiver are each mounted in housing means, wherein each housing means includes a transparent member **connected** to said housing, and which includes excess coating reducer means positioned adjacent to the transparent member of each housing.

Claims 1 and 7 to 11 of the '947 are as follows:

1. A coating apparatus comprising:  
means for supporting a part;  
means positioned adjacent to the support means for applying a **coating** to a section of the part, said **coating means including a sprayer**; and  
means positioned adjacent to the support means for measuring the section of the part, wherein the measuring means measures a dimension of a section of a part being coated while the coating means applies an amount of coating to the section of the part based on said dimension measurements and **desired dimension** of the section of the part.

7. The apparatus of claim 1, wherein the measuring means includes a laser generator and a laser receiver, said laser generator positioned adjacent to one side of the support means and said laser receiver positioned adjacent to an opposing side of the support means.

8. The apparatus of claim 7, wherein the laser generator and laser receiver are each mounted in a housing.

9. The apparatus of claim 8, wherein the housings each include a transparent member connected to said housing.

10. The apparatus of claim 9, wherein each transparent member is **removably connected** to the housing.

11. The apparatus of claim 9, which includes an excess coating reducer connected positioned adjacent to the transparent member of each housing.

## **EXHIBIT B**

Claims 1 to 3 and 5 to 7 of the above-identified patent application are as follows:

Claim 1 (original): A coating apparatus comprising:  
means for supporting a part;  
means positioned adjacent to the support means for applying an **atomized coating** to a section of the part; and  
means positioned adjacent to the support means for measuring the section of the part, wherein the measuring means measures a dimension of a section of the part being coated and the coating means applies an amount of coating to the section of the part based on said dimension measurements and desired **final dimension** of the section of the part, wherein the measuring means includes a laser generator and a laser receiver, said laser generator positioned adjacent to one side of the support means and said laser receiver positioned adjacent to an opposing side of the support means, wherein the laser generator and laser receiver are each mounted in housing means, wherein each housing means includes a transparent member connected to said housing, and which includes excess coating reducer means positioned adjacent to the transparent member of each housing.

Claim 2 (original): The apparatus of Claim 1, wherein the support means includes a part support.

Claim 3 (original): The apparatus of Claim 1, wherein the support means includes a conveyor.

Claim 5 (original): The apparatus of Claim 1, which includes an exhaust duct positioned adjacent to the support means.

Claim 6 (original): The apparatus of Claim 1, which includes **means for displaying** the dimension measurements of the section of the part.

Claim 7 (original): The apparatus of Claim 1, which includes **means for displaying** at least one dimensional tolerance level of the section of the part.

Claims 73 to 79 of the '947 Patent are as follows:

73. A coating apparatus comprising:  
means for supporting a part;  
means positioned adjacent to the support means for applying a **coating** to a section of the part; and  
means positioned adjacent to the support means for measuring the section of the part, wherein the measuring means measures a dimension of a section of a part being coated while the coating means applies an amount of coating to the section of the part based on said dimension measurements and **desired dimension** of the section of the part, wherein the measuring means includes a laser generator and a laser receiver, said laser generator positioned adjacent to one of the support means and said laser receiver positioned adjacent to an opposing side of the support means, wherein the laser generator and laser receiver are each mounted in a housing, each housing includes a transparent member removably connected to said housing, and which includes an excess coating reducer positioned adjacent to the transparent member of each housing.

74. The apparatus of claim 73, wherein the support means includes a part support.

75. The apparatus of claim 73, wherein the support means includes a conveyor.

76. The apparatus of claim 73, wherein the coating means includes a **sprayer**.

77. The apparatus of claim 73, which includes a **display device** in communication with the measuring means and which displays the dimension measurements of the section of the part.

78. The apparatus of claim 73, which includes an exhaust duct positioned adjacent to the support means.

79. The apparatus of claim 73, which includes a **display device** which displays the dimensional measurements of the section of the part.

## EXHIBIT C

Claims 9 to 11 of the above-identified patent application are as follows:

Claim 9 (original): A coating apparatus comprising:  
**a part support adapted to support a part;**

a laser generator and a laser receiver positioned on opposing sides of the part support, said the laser generator operable to **project a laser beam at a level of a section of the part supported by the part support**, said laser receiver operable to receive portions of the laser beam not blocked by the section of the part to take measurements of said section of the part;

a laser generator housing which includes a transparent member through which the laser beam passes through;

an excess coating reducer positioned adjacent to the transparent member of the housing; and

a sprayer positioned adjacent to the part support, said sprayer operable to apply an amount of coating to the section of the part based on said measurements and desired dimension of the section of the part.

Claim 10 (original): The apparatus of Claim 9, which includes an exhaust duct positioned adjacent to the part support.

Claim 11 (original): The apparatus of Claim 9, which includes a laser receiver housing which includes a transparent member through which said portions of the laser beam passes through, and a second excess coating reducer positioned adjacent to said transparent member of said housing.

Claims 80 to 81 of the '947 Patent are as follows:

80. A coating apparatus comprising:  
**a part support adapted to support a part wherein the part support includes a conveyor;**

a laser generator and a laser receiver positioned on opposing sides of the part support, said the laser generator operable to **project a laser beam onto a section of the part supported by the part support**, said laser receiver operable to receive the laser beam to take measurements of said section of the part, wherein the laser generator and the laser receiver are each mounted in a housing, which includes a transparent member connected to each housing, and which includes an excess coating reducer positioned adjacent to the transparent member of each housing;

a sprayer positioned adjacent to the part support, said sprayer operable to apply an amount of coating to the section of the part based on said measurements and desired dimension of the section of the part; and

**a display device** in communication with the laser receiver, said display device operable to display said measurements.

81. The apparatus of claim 80, which includes an exhaust duct positioned adjacent to the part support.

## EXHIBIT D

Claims 13 to 15 of the above-identified patent application are as follows:

Claim 13 (original): A coating apparatus comprising:  
a part support;  
a sprayer positioned adjacent to the part support;  
a part measurer including a laser generator and a laser receiver positioned on opposing sides of the part support and operable to measure a dimension of a section of a part supported by the part support and being coated by the sprayer based on said measurements and a desired dimension of the section of the part;  
a laser generator housing including a transparent member which protects the laser generator mounted in said housing;  
a first excess coating reducer positioned adjacent to the transparent member of said laser generator housing;  
a laser receiver housing including a transparent member which protects the laser receiver mounted in said housing; and  
a second excess coating reducer positioned adjacent to the transparent member of laser receiver housing.

Claim 14 (original): The apparatus of Claim 13, wherein the part support includes a conveyor.

Claim 15 (original): The apparatus of Claim 13, which includes an exhaust duct positioned adjacent to the part support.

Claims 82 and 83 of the '947 Patent are as follows:

82. A coating apparatus comprising:  
a part support,  
a sprayer positioned adjacent to the part support;  
a part measurer including a laser generator and a laser receiver positioned on opposing sides of the part support, wherein the laser generator and laser receiver are each mounted in a housing, wherein each housing includes a transparent member connected to said housing, and which includes an excess coating reducer positioned adjacent to the transparent member of each housing;  
an exhaust duct positioned adjacent to the part support opposite from the sprayer; and  
**a display device positioned to face an operator,**  
wherein the part measurer is operable to measure a dimension of a section of a part being coated, **the display device is operable to display the measurements of the dimension to the operator,** the sprayer is operable to apply an amount of coating to the section of the part based on said measurements and a desired dimension of the section of the part and the exhaust duct is operable to exhaust excess coating that does not adhere to the part.

83. The apparatus of claim 82, wherein the part support includes a conveyor.

## EXHIBIT E

Claims 18 to 20 and 22 to 25 of the above-identified patent application are as follows:

Claim 18 (original): A coating apparatus comprising:  
means for supporting a part;  
means positioned adjacent to the support means for applying an **atomized coating** to a section of the part;  
**means positioned adjacent to the support for measuring a section of the part**, wherein the measuring means is operable to measure a parameter of the section of the part being coated and the coating means is operable to apply an amount of coating to the section of the part based on the parameter measurement and desired parameter measurement of the section of the part, wherein the measuring means is mounted in at least one housing which includes a transparent member; and  
**excess coating reducer means positioned adjacent to said transparent member** to reduce excess coating near the transparent member which could interfere with the measuring means.

Claim 19 (original): The apparatus of Claim 18, wherein the support means includes a part support.

Claim 20 (original): The apparatus of Claim 18, wherein the support means includes a conveyor.

Claim 22 (original): The apparatus of Claim 18, which includes an exhaust duct positioned adjacent to the support means.

Claim 23 (original): The apparatus of Claim 18, which includes means for displaying the parameter measurements.

Claim 24 (canceled)

Claim 25 (original): The apparatus of Claim 18, wherein the parameter is at least one of: a dimension of a section of the part; a thickness of a coating applied to the section of the part; and a thickness of a plurality of coatings applied to the section of the part.

Claims 86 to 93 of the '947 Patent are as follows:

86. A coating apparatus comprising:  
means for supporting a part;  
means positioned adjacent to the support means for applying a **coating** to a section of the part; and  
means positioned adjacent to the support means for measuring a section of the part, wherein the measuring means is operable to measure a parameter of the section of the part being coated while the coating means applies an amount of coating to the section of the part based on the parameter measurement and desired parameter measurement of the section of the part, **wherein the measuring means includes a laser generator and a laser receiver**, said laser generator positioned adjacent to one side of the support means and said laser receiver positioned adjacent to an opposing side of the support means, wherein the laser generator and laser receiver are each mounted in a housing, wherein each housing include a transparent member connected to said housing, and which includes an **excess coating reducer connected to the frame** and positioned adjacent to the transparent member of each housing.

87. The apparatus of claim 86, wherein the support means includes a part support.

88. The apparatus of claim 86, wherein the support means includes a conveyor.

89. The apparatus of claim 86, wherein the coating means includes a sprayer.

90. The apparatus of claim 86, which includes a **display device** in communication with the measuring means and operable to display the parameter measurements of the section of the part.

91. The apparatus of claim 86, which includes an exhaust duct positioned adjacent to the support means.

92. The apparatus of claim 86, which includes a **display device** which displays the parameter measurements of the section of the part.

93. The apparatus of claim 86, wherein the parameter is at least one of: a dimension of a section of the part; a thickness of a coating applied to the section of the part; and a thickness of a plurality of coatings applied to the section of the part.